

For information on becoming a Cardiovascular Technologist or Technician, see [Sources of additional information](#) within this brochure.

For information on youth employment opportunities, contact a career counselor at your high school or employment counselor or job and information center coordinator at your local NH Employment Security Office.

Berlin (752-5500)

[151 Pleasant St., PO Box 159, 03570-0159](#)

Claremont (543-3111)

[404 Washington St., PO Box 180, 03743-0180](#)

Concord (228-4100)

[10 West St., PO Box 1140, 03302 - 1140](#)

Conway (447-5924)

[518 White Mountain Highway, 03818-4205](#)

Keene (352-1904)

[109 Key Rd., 03431-3926](#)

Laconia (524-3960)

[426 Union Ave., PO Box 760, 03246-2894](#)

Lebanon (448-6340)

[85 Mechanic St., Ste.4, 03766-1506](#)

Littleton (444-2971)

[646 Union St., Ste.100, 03561-5314](#)

Manchester (627-7841)

[300 Hanover St., 03104-4957](#)

Nashua (882-5177)

[6 Townsend St., 03060-3285](#)

Portsmouth (436-3702)

[2000 Lafayette Rd., 03801-5673](#)

Salem (893-9185)

[29 South Broadway, 03029-3026](#)

Somersworth (742-3600)

[243 Rt.108, 03878-1512](#)

NHCRN
New Hampshire Career Resource Network
Employment SECURITY Rick Ricker (603) 229-4489 ELM4B
www.nhes.state.nh.us/elmi/nhcrn/index.htm

**SO, You want
to be a...**

*Projected among the top twenty
fastest growing occupations
(NH Employment Projections, 2002-2012)*

Health Science **Cardiovascular Technician & Technologist**



New Hampshire

**Here are
a few things
you should know.**

You'll want to know a few things about this career.

Avg Hrly Wage:

\$22.55

Expected

Growth Rate*:

49%

Avg Annual

Openings:

12

Training/Educ
Needed:

Associate's
Degree

(Although a few cardiovascular technologist, vascular technologist, and cardiac sonographers are currently trained on-the-job, most receive training in 2- to 4-year programs.)

Basic Skills: Reading, listening, writing, speaking, mathematics, science.

Job Skills: Operation & control, science, operation monitoring, reading comprehension, speaking, listening, mathematics, active listening, writing, critical thinking, monitoring.

SO, You want
to be a...

Cardiovascular Technician & Technologist

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TASKS

1. Activate fluoroscope and camera to produce images used to guide catheter through cardiovascular system.
2. Adjust equipment and controls according to physicians' orders or established protocol.
3. Assess cardiac physiology and calculate valve areas from blood flow velocity measurements.
4. Assist physicians in diagnosis and treatment of cardiac and peripheral vascular treatments, for example, assisting with balloon angioplasties to treat blood vessel blockages.
5. Attach electrodes to the patients' chests, arms, and legs, connect electrodes to leads from the electrocardiogram (EKG) machine, and operate the EKG machine to obtain a reading.
6. Compare measurements of heart wall thickness and chamber sizes to standard norms to identify abnormalities.
7. Conduct electrocardiogram, phonocardiogram, echocardiogram, stress testing, and other cardiovascular tests to record patients' cardiac activity, using specialized electronic test equipment, recording devices, and laboratory instruments.
8. Enter factors (ie: amount & quality of radiation beam, & filming sequence) into computer.
9. Explain testing procedures to patient to obtain cooperation and reduce anxiety.
10. Monitor patients' comfort and safety during tests, alerting physicians to abnormalities or changes in patient responses.

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Interests
(Holland Code):
IRS
(Investigative,
Realistic, Social)

Interest Area:
Health Science

Working Condi-
tions: Pleasant
and comfortable
clean, well lit
offices.

Avg Work Week:
40hrs (Some may
work days, evenings
and weekends or
need to be on call.)

Sources of additional
info: NH Employment
Security (Contact
office nearest you or
go online to
www.nhes.state.nh.us).

Alliance of Cardiovascular Profes-
sionals, 4456 Thalia Landing
Offices, Bldg. 2, 4356 Bonney Rd.,
Suite 103, Virginia Beach, VA
23452-1200 www.acp-online.org
Cardiovascular Credentialing
International, 1500 Sunday Dr.,
Suite 102, Raleigh, NC 27607
www.cci-online.org

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Employment Security Rick Ricker (603) 229-4489 ELM 18
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